

CITY OF EL PASO, TEXAS
DEPARTMENT HEAD'S SUMMARY REQUEST FOR COUNCIL ACTION (RCA)

DEPARTMENT: Building Permits & Inspections

AGENDA DATE: November 30, 2004

CONTACT PERSON/PHONE: R. Alan Shubert, P.E.

DISTRICT(S) AFFECTED: _____

SUBJECT:

APPROVE a resolution / ordinance / lease to do what? **OR AUTHORIZE** the City Manager to do what? Be descriptive of what we want Council to approve. Include \$ amount if applicable.

An Ordinance amending Title 18 (Building and Construction), Chapter 18.20 (Plumbing Code), of the El Paso City Code, to adopt the 2003 edition of the International Plumbing Code with changes appropriate for the City of El Paso and with penalties not to exceed Two-Thousand Dollars (\$2,000.00) per day per violation as provided in Section 18.02.107 of the El Paso City Code

BACKGROUND / DISCUSSION:

Discussion of the what, why, where, when, and how to enable Council to have reasonably complete description of the contemplated action. This should include attachment of bid tabulation, or ordinance or resolution if appropriate. What are the benefits to the City of this action?

An Ordinance amending Title 18 (Building and Construction), Chapter 18.20 (Plumbing Code), of the El Paso City Code, to adopt the 2003 edition of the International Plumbing Code with changes appropriate for the City of El Paso and with penalties not to exceed Two-Thousand Dollars (\$2,000.00) per day per violation as provided in Section 18.02.107 of the El Paso City Code

PRIOR COUNCIL ACTION:

Has the Council previously considered this item or a closely related one? If so, when?

N/A

AMOUNT AND SOURCE OF FUNDING:

How will this item be funded? Has the item been budgeted? If so, identify funding source by account numbers and description of account. Does it require a budget transfer?

N/A

BOARD / COMMISSION ACTION:

Enter appropriate comments or N/A

N/A

*****REQUIRED AUTHORIZATION*****

LEGAL: (if required) _____ **FINANCE:** (if required) _____

OTHER:

(Example: if RCA is initiated by Purchasing, client department should sign also)

Information copy to appropriate Deputy City Manager

APPROVED FOR AGENDA:

CITY MANAGER: _____

DATE: _____

ORDINANCE NO. _____

**AN ORDINANCE AMENDING TITLE 18 (BUILDING AND CONSTRUCTION),
CHAPTER 18.20 (PLUMBING CODE), OF THE EL PASO CITY CODE, TO ADOPT THE
2003 EDITION OF THE INTERNATIONAL PLUMBING CODE WITH CHANGES
APPROPRIATE FOR THE CITY OF EL PASO AND WITH
PENALTIES NOT TO EXCEED TWO-THOUSAND DOLLARS (\$2,000.00) PER DAY
PER VIOLATION AS PROVIDED
IN SECTION 18.02.107 OF THE EL PASO CITY CODE.**

WHEREAS, by Ordinance No. 014730 enacted December 12, 2000 the 2000 edition of the International Plumbing Code of the International Code Council was adopted with changes appropriate for the City of El Paso; and

WHEREAS, the 2003 edition of the International Family of Codes has been published and adoption of the 2003 edition of the International Plumbing Code is now proposed; and

WHEREAS, the Building Permits & Inspections Director, the Building and Zoning Advisory Committee (BZAC) and the Development Coordinating Committee (DCC) have reviewed and favorably recommended the adoption of local amendments to the 2003 International Plumbing Code appropriate for the City of El Paso; and

WHEREAS, the City Council has deemed the proposed modifications appropriate for the City

NOW, THEREFORE, be it ordained by the City Council of the City of El Paso:

A. That Title 18, (Building and Construction), Chapter 18.20 (Plumbing Code), of the El Paso City Code shall be and hereby is amended in its entirety to read as follows:

18.20.010 Short Title.

This chapter may be cited as the El Paso Plumbing Code.

18.20.020 International Plumbing Code Adopted - Amendments.

The book entitled "2003 International Plumbing Code" copies of which, authenticated by the signature of the Mayor and the City Clerk, and made a public record by resolution of the City Council, are on file in the City Clerk's Office, is adopted as the Plumbing Code of the City, as fully as if copied at length in this Chapter, but with the changes set forth in this Chapter.

18.20.030 Chapter 1 - Administration - Deleted.

International Plumbing Code Chapter 1 - Administration is hereby deleted.

18.20.040 Chapter 18.02 Adopted - Administrative Code.

Chapter 18.02 - Building and Construction Administrative Code of the Municipal Code shall serve as the administrative chapter for the Plumbing Building Code.

18.20.050 Section 202 Amended -- Definitions of Terms.

Section 202, Definition of Terms, shall be and hereby is amended by amending and inserting in their proper alphabetical order the definitions of the following terms:

Interceptor - A multi-compartment device designed and installed so as to separate and retain for removal, by automatic or manual means, deleterious, hazardous or undesirable matter from normal wastes, while permitting normal sewage or wastes to discharge into the drainage system by gravity.

18.20.060 Section 301.3 Amended – Connections to Drainage Systems.

Section 301.3 - Connections to Drainage Systems, shall be and hereby is amended to read as follows:

301.3 Connections to drainage system.

All plumbing fixtures, drains, appurtenances and appliances used to receive or discharge liquid wastes or sewage shall be connected properly to the drainage system of the building or premises, in accordance with the requirements of this code. This section shall not be construed to prevent indirect waste systems provided for in Chapter 8 of the International Plumbing Code.

Exception: Bathtubs, showers, lavatories, clothes washers and laundry sinks shall not be required to discharge to the sanitary drainage system where such fixtures discharge to an approved gray water recycling system. Evaporative coolers automatic water draining systems may discharge to an approved gray water recycling system.

18.20.070 Section 312.9.3 Added - Backflow Inspection Records.

Section 312.9.3 - Backflow Inspection Records, shall be and hereby is added to read as follows:

312.9.3 Backflow Inspection Records.

Records of inspections, tests and maintenance of the backflow assemblies shall be kept and made available to the Building Services Department upon request and to the El Paso Water Utilities in accordance with the rules and regulations of the Public Service Board. Records shall indicate the procedure performed (inspection, test or maintenance), the organization that performed the work, the results and the date. Records shall be maintained by the owner, tenant or responsible person.

18.20.080 Section 403.6. Amended – Public facilities.

Section 403.6 - Public Facilities, shall be and hereby is amended to read as follows:

403.6 Public Facilities.

Customers, patrons and visitors shall be provided with public toilet facilities in structures and tenant spaces intended for public utilization. Public toilet facilities shall be located not

more than one story above or below the space required to be provided with public toilet facilities and the path of travel to such facilities shall not exceed a distance of 500 feet (152 m).

Exception: Small Tenancies and Areas located in stand-alone buildings or tenancies.

Customers, patrons, visitors and employees need not be provided with public toilet facilities in small tenancies located in stand-alone buildings, structures or facilities when all of the following conditions are met:

1. The gross floor area of the tenancy does not exceed 200 square feet; and
2. The building or structure is not used for the preparation, storage handling and sale of potentially hazardous food as defined in the Texas Food Establishment Rules of the Texas Department of Health; and
3. Toilet facilities are provided elsewhere on the same site within 200 lineal feet of travel distance from the exempted tenancy; and
4. The site is provided with the minimum number of facilities required by Section 403 and Table 403.1, and the owner or tenant in control of the toilet facilities required in condition 3, shall furnish to the Building Permits and Inspections Department Director a written and notarized statement that customers, visitors, patrons and employees of the exempted tenancy will have access to and use of these facilities; and
5. Except for "outdoor markets" as defined in Title 9.12 of the Municipal Code, building and structures used for the preparation, storage, handling and sale of food shall be connected to a water supply and provided with utensil and hand washing facilities as required by Title 9.12 of the Municipal Code.

18.20.090 Section 404 Deleted – Accessible Plumbing Facilities.

Section 404 - Accessible Plumbing Facilities, shall be and hereby is deleted in its entirety

18.20.100 Section 412.5 Added -- Floor drains in Mechanical Rooms and Boiler Rooms.

Section 412.5 - Floor Drains in Mechanical Rooms and Boiler Rooms, shall be and hereby is added to read as follows:

412.5 Floor Drains in Mechanical Rooms and Boiler Rooms

Mechanical equipment rooms, boiler rooms and all similar equipment rooms shall have an approved floor drain for disposing of accumulation of liquid wastes incident to cleaning or recharging such equipment. Such floor drains shall be equipped with an approved automatic priming device as required in Section 1002.4.

18.20.110 Section 417.5.2 Amended – Shower Receptor .

Section 417.5.2 - Shower Receptor, shall be and hereby is amended to read as follows:

417.5.2 Shower Receptor.

Shower receptors shall have a finished curb, dam or threshold not less than one (1) inch below the sides and back of the receptor. The curb shall be not less than two (2) inches nor more than nine (9) inches in depth when measured from the top of the curb to the top of the drain. The finished floor shall slope uniformly toward the drain not less than one-fourth (1/4) inch per foot nor more than one-half (1/2) inch, and floor drains shall be flanged to provide a watertight joint in the floor.

417.5.2.1 Receptor Linings.

All shower receptors shall be provided with an approved lining, except as noted herein. The adjoining walls and floors, enclosing field-constructed shower receptors shall be lined with copper or other approved materials listed in this Code, extending not less than three (3) inches beyond or around the rough jambs and not less than three (3) inches above finished thresholds. Recessed shower compartments need not be lined, provided the compartment is formed of concrete, is recessed a minimum of four (4) inches below the adjacent floor level, and the concrete is not less than three and one-half (3 1/2) inches thick with an ultimate compressive strength of not less than two thousand (2000) pounds per square inch.

417.5.2.2 Liner Materials.

Plasticized polyvinyl chloride (PVC) sheets shall be a minimum of 0.040 inch (1.02 mm) thick and shall meet the requirements of ASTM D4551. Non-plasticized chlorinated polyethylene sheets shall be a minimum 0.040 inch (1.02mm) thick, and shall meet the requirements of ASTM D 4068. Sheet copper shall conform to ASTM B 152 and shall not weigh less than 12 ounces per square foot. Copper linings shall be isolated from conducting substances other than the connecting drain by fifteen (15) pound asphalt felt or its equivalent. Joints in copper pans or liners shall be silver brazed. Joints in PVC and CPE liner materials shall be jointed per the manufacturer's recommendations.

417.5.2.3 Receptor Drains.

An approved flanged drain shall be installed with shower subpans or linings. The flange shall be flush with the sub-base and be equipped with a clamping ring or other device to make a water-tight connection between the lining and the drain. The flange shall have weep holes to insure constant drainage of water to sanitary drainage system. Shower receptacle waste outlets shall be not less than two (2) inches in diameter and shall have a removable strainer.

18.20.120. Section 604.8.3 Added -- Accessibility.

Section 604.8.3 – Accessibility, shall be and hereby is added to read as follows:

604.8.3 Accessibility

Installation shall be such as to make the regulator accessible without excavating or removing permanent structural or finished portions of the structure.

18.20.130 Table 605.3 – Water Service Pipe.

Table 605.3 Water Service Pipe, shall be and hereby is amended by deleting all references to Asbestos-cement pipe and Polybutylene (PB) plastic pipe and tubing.

18.20.140 Table 605.4 – Water Distribution Pipe.

Table 605.4 - Water Distribution Pipe, shall be and hereby is amended by deleting all references to Polybutylene (PB) plastic pipe and tubing.

18.20.150 Section 605.4 Amended -- Water Distribution Pipe.

Section 605.4 - Water Distribution Pipe, shall be and hereby is amended to read as follows:

605.4 Water Distribution Pipe.

Water distribution pipe shall conform to NSF 61 and shall conform to one of the standards listed in Table 605.5. Copper or copper alloy tubing used in inaccessible water distribution piping under slabs shall be minimum Type L. Any material subject to corrosion shall be protected when used in corrosive soils. All hot water distribution pipe and tubing shall have a minimum pressure rating of 100 psi at 180 °F.

18.20.160 Section 608.16.5 Amended - Connections to Lawn Irrigation Systems.

Section 608.16.5 - Connections to Lawn Irrigation Systems, shall be and hereby is amended to read as follows:

608.16.5 Connections to Lawn Irrigation Systems.

The potable water supply to lawn irrigation systems shall be protected against backflow by a pressure-type vacuum breaker or a reduced pressure principle backflow-preventer. Where chemicals are introduced into the system, the potable water supply shall be protected against backflow by a reduced pressure principle backflow-preventer.

18.20.170 Section 701.2 Amended – Sewer Required.

Section 701.2 - Sewer Required, shall be and hereby is amended to read as follows:

701.2 Sewer Required.

Every building in which plumbing fixtures are installed and all premises having drainage piping shall be connected to a public sewer.

Exception: When a public sewer is not available within 300 feet of the building for use, an individual or private sewage disposal system may be utilized provided that such system is designed, installed and maintained in accordance with the requirements of Chapter 18.21 of the Municipal Code.

18.20.180 Table 702.2 Amended – Underground Building Drainage and Vent Pipe.

Table 702.2 - Underground Building Drainage and Vent Pipe, shall be and hereby is amended by deleting all references to Asbestos-Cement Pipe.

18.20.190 Table 702.3 – Building Sewer Pipe.

Table 702.3 - Building Sewer Pipe, shall be and hereby is amended by deleting all references to Asbestos-cement pipe.

18.20.200 Section 705.3 Deleted - Asbestos Cement.

Section 705.3 - Asbestos Cement, shall be and hereby is deleted in its entirety.

18.20.210 Section 708.3.5 Amended - Building Drain and Building Sewer Junction.

Section 708.3.5 - Building Drain and Building Sewer Junction, shall be and hereby is amended to read as follows:

708.3.5 Building Drain and Building Sewer Junction.

There shall be a cleanout near the junction of the building drain and the building sewer. The cleanout shall be outside the building and shall be brought up to the finished ground level. An approved two-way cleanout is allowed as an alternative at this location to serve as a required cleanout for both the building drain and building sewer.

18.20.220 Section 802.1.8 Added - Condensate.

Section 802.1.8 - Condensate and Evaporative Coolers Waste, shall be and hereby is added to read as follows:

802.1.8 Condensate.

Condensate waste from air conditioning units shall discharge into the building drainage system through an indirect waste line, except such waste may be directly connected to a lavatory tailpiece or to an approved accessible inlet on a bath tub overflow when the connection is located in an area controlled by the same person or entity controlling the air conditioned space.

18.20.230 Section 802.1.8 Added – Evaporative Coolers Waste.

Section 802.1.8 - Evaporative Coolers Waste, shall be and hereby is added to read as follows:

802.1.8 Evaporative Coolers Waste.

Waste from Evaporative coolers automatic water draining systems, when approved by the Building Permits and Inspections Director, shall discharge into the building drainage system through an indirect waste line, except such waste may be directly connected to a lavatory tailpiece or to an approved accessible inlet on a bath tub overflow when the connection is located in an area controlled by the same person or entity controlling the space served by evaporative cooler.

18.20.250 Section 1003.2.1 Added – Water Jacketed Grease Traps.

Section 1003.2.1 - Water Jacketed Grease Traps, shall be and hereby is added to read as follows:

1003.2.1 No water-jacketed grease trap or grease interceptor shall be approved or installed.

18.20.260 Table 1003.3.4.1 Amended – Capacity of Grease Traps.

Table 1003.3.4.1 - Capacity of Grease Traps, shall be and is hereby amended to read as follows:

Table 1003.3.4.1

CAPACITY OF GREASE TRAPS

TOTAL FLOW-THROUGH RATING (gpm)	GREASE RETENTION CAPACITY (pounds)
20 or less	40
25	50
35	70
50	100

18.20.270 Section 1003.5 Amended -- Sand Interceptors in Commercial Establishments.

Section 1003.5 - Sand Interceptors in Commercial Establishments, shall be and hereby is amended to read as follows:

1003.5 Sand Interceptors in Commercial Establishments.

Sand and similar Interceptors or traps for heavy Solids shall have a water seal of not less than six (6) inches. Traps shall have a minimum of two compartments. Each compartment shall be a minimum of 30 inches by 30 inches with a minimum depth of three (3) feet, covered with a removable grating which will allow the free entrance of waste. Trap walls and bottom shall be of concrete made watertight.

Exception: Sand traps are not required in commercial facilities containing less than 4 washing machines.

1003.5.1. Waste Line shall be a minimum of four (4) inches for uses other than residential swimming pools in which case the waste line may be three (3) inches. Outlet pipe shall leave the trap at a point not less than six (6) inches nor more than twelve (12) inches above the bottom and must rise vertically outside to the top of the trap where a properly sized cleanout shall be provided and formed by an inverted wye (y) so installed that the point of intersection of the wye (y) branches shall form the seal. Such seal shall be no less than twelve (12) inches in depth.

1003.5.2. Sand Traps installed within thirty (30) feet from a 3 or 4 inch stack shall have a two (2) inch vent; sand traps installed over thirty (30) feet from a 3 or 4 inch stack shall have a three (3) inch vent.

18.21.280 APPENDIX C Adopted – Gray Water Recycling Systems. Sewers.

International Plumbing Code Appendix C - Gray Water Recycling, shall be and hereby is adopted in its entirety.

18.20.290 Appendices.

The appendices, unless specifically adopted or referenced, are retained as administrative guidance aids.

18.20.300 Conflicting Ordinances

All ordinances and parts of ordinances in conflict with the provisions of this ordinance are hereby repealed as follows:

Ordinances No. 014730, 12-12-2000.

- B. Except as expressly amended herein, Title 18 (Building and Construction) shall remain in full force and effect.
- C. All references to ICC Electrical Code shall be construed to mean the El Paso Electrical Code.
- D. The effective date of this ordinance shall be _____ day of _____, 2004; this ordinance shall be applicable to all permit applications received on or after that date.

PASSED AND APPROVED this _____ day of _____, 2004.

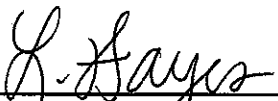
THE CITY OF EL PASO

Joe Wardy
Mayor

ATTEST:

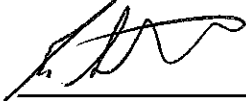
Richarda Duffy Momsen
City Clerk

APPROVED AS TO FORM:



Lisa Aceves
Assistant City Attorney

APPROVED AS TO CONTENT:



Alan Shubert, P. E.
Director for Building Permits
and Inspections